



# Public Notice

**US Army Corps  
Of Engineers**  
Seattle District

**Planning Branch  
Post Office Box 3755  
Seattle, Washington 98124-2255  
Philip L. Hoffman, Environmental Coordinator  
Telephone: (206) 764-6577**

**Public Notice Date: 25 April 2005  
Expiration Date: 25 May 2005  
Reference: PL-05-04  
Name: Seattle District,  
Corps of Engineers**

## 30-Day Notice

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Interested parties are hereby notified that the U.S. Army Corps of Engineers, Seattle District, plans to perform work related to the Howard Hanson Dam Additional Water Supply Project (AWSP), King County, Washington. This work is subject to Section 404 of the Clean Waters Act and described below and shown on the enclosed drawing(s).

**LOCATION:** The proposed project is located downstream of the Howard Hanson Dam (HHD), Green River, upstream of the city of Auburn, King County, Washington. The project is located at river miles (RM) 60.

**WORK:** The proposed work for the calendar years 2005 through 2010 will consist of the construction of an erodable gravel berm in Restoration Zone 1. The berm will be constructed of screened, unwashed gravel, and may total up to 12,000 Cubic Yards (CY) in any year. Full placement of the total amount is not expected to occur in 2005 or 2006. The gravel shall be in a size range of 0.5 inches to 6 inches outside diameter (OD), with 5% or less fine material colloiddally attached. The size range of the gravel is based on the requirements of the National marine Fisheries Service and U.S. Fish and Wildlife Service Howard Hanson Dam and Additional Water Supply Project Biological opinions (NMFS reference WSB-00-198, 24 October 2000 & FWS reference number 1-3-00-F-1381, 10 October 2000). The original Biological Opinion required 0.5 to 4 inch OD gravel; the Corps requested, and received, concurrence to increase the size range in order ensure inclusion of an appropriate amount of larger sized gravel (3+ inches). The berms will be built downstream of the existing Tacoma Diversion Dam, along the south bank of the river. Access to the river will be through a previously completed gravel haul road that was installed in 2003 for ongoing gravel nourishment to the river. This location has been the site of previous gravel loading under the Zone 1 Pilot Project (Seattle District Planning Public Notice PL-03-01). The Zone 1 work was previously permitted by the Washington Department of Ecology under DOE Order 03SEANR-5659, issued 22 July 2003.

**PURPOSE:** The purpose of this project is to enhance spawning and rearing habitat for threatened anadromous fish (bull trout and Puget Sound Chinook salmon) in the Green river. This habitat type has been degraded by the construction and operation (including the AWSP) of the Howard Hanson Dam. Specifically, the Dam and associated reservoir prevent the downstream migration of spawning gravels.

**MITIGATION:** No mitigation is required for this project as it is a project to mitigate for and restore degraded spawning and rearing habitat in the e Green River for anadromous fish.

**COORDINATION:** The proposed work is being coordinated with the following Federal, State, or local agencies:

## Public Notice: PL-05-04

### Federal

U.S. Fish and Wildlife Service  
National Marine Fisheries Service

### Indian Tribes

Muckleshoot Tribe

### State of Washington

Department of Ecology  
Department of Fish and Wildlife

### Local

King County Public Works  
City of Tacoma

**CULTURAL AND HISTORIC RESOURCES:** The District Engineer has reviewed the latest published version of the National Register of Historic Places, lists of properties determined eligible, and other sources of information. A field reconnaissance of the site did not identify any significant cultural or historic resources that would directly be affected by the proposed project. Unknown archeological, scientific, prehistoric or historical data may be lost or destroyed by work to be accomplished under the requested work. This work is being conducted in accordance with a Cultural Resources Memorandum of Understanding signed by the Seattle District, Office of Archeological and Historic Preservation of Washington, and the Muckleshoot Tribe.

The District Engineer invites responses to this Public Notice from Federal, State and local agencies, historical and archeological societies, Indian tribes and other parties likely to have knowledge of or concerns with historic properties in the area.

**ENDANGERED SPECIES** - The Endangered Species Act of 1973, as amended, requires assessment of potential impacts to listed and proposed species. The U.S. Fish and Wildlife Service (USFWS) identified federally listed and proposed animal species that may occur in the project vicinity. Included in this list were four species listed as threatened, bald eagles (*Haliaeetus leucocephalus*), marbled murrelets (*Brachyramphus marmoratus marmoratus*), northern spotted owls (*Strix occidentalis caurina*), and bull trout (*Salvelinus confluentus*), grizzly bear (*Ursus arctos*), gray wolf (*Canis lupis*) and Canada lynx (*Lynx Canadensis*). The National Marine Fisheries Service (NMFS) identified one species listed as threatened, Puget Sound Chinook salmon (*Oncorhynchus keta*), as occurring downstream of the project area. The Seattle District, U.S. Army Corps of Engineers has received Biological Opinions and concurrence from both Services for endangered species. The Services directed the Corps to place gravel in the Green River to mitigate for the loss of spawning gravel caused by the Dam. The Corps will follow the Reasonable and Prudent Measures contained within the Biological Opinions.

**PUBLIC HEARING** - Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

**EVALUATION** - The decision whether to perform the proposed work will be based on an evaluation of the probable impact, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits that reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety,

## Public Notice: PL-05-04

food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers (Corps) is soliciting comments from the public; Federal, State, and local agencies and officials; Indian tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or not proceed with the proposed work. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

The evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act.

ADDITIONAL EVALUATION - The State of Washington is reviewing this work for consistency with the approved Washington Coastal Zone Management Program.

This proposal is the subject of Shorelines Management Act and will be conducted in a manner consistent to the maximum extent practicable with the approved State Coastal Zone Management Program.

A final Environmental Impact Statement and Record of Decision has already been prepared for the proposed work as part of the Howard Hanson Dam Additional Water Supply Project (1998). Based on the assessment of potential impacts from the proposed work, an Environmental Impact Statement will not be required.

COMMENT AND REVIEW PERIOD: Additional information concerning the project may be obtained at the above referenced address from Mr. Philip L. Hoffman, (206) 764-6577, or from Ms. Mamie Brouwer, (206) 764-3755. Comments on these factors will be accepted and made part of the record. Comments should refer to the reference number shown above and reach this office, Attn: Mr. Philip L. Hoffman, NWS-PM-PL-ER, no later than the expiration date of this public notice to insure consideration.

Encl

Drawing ( ) or Drawings (x)

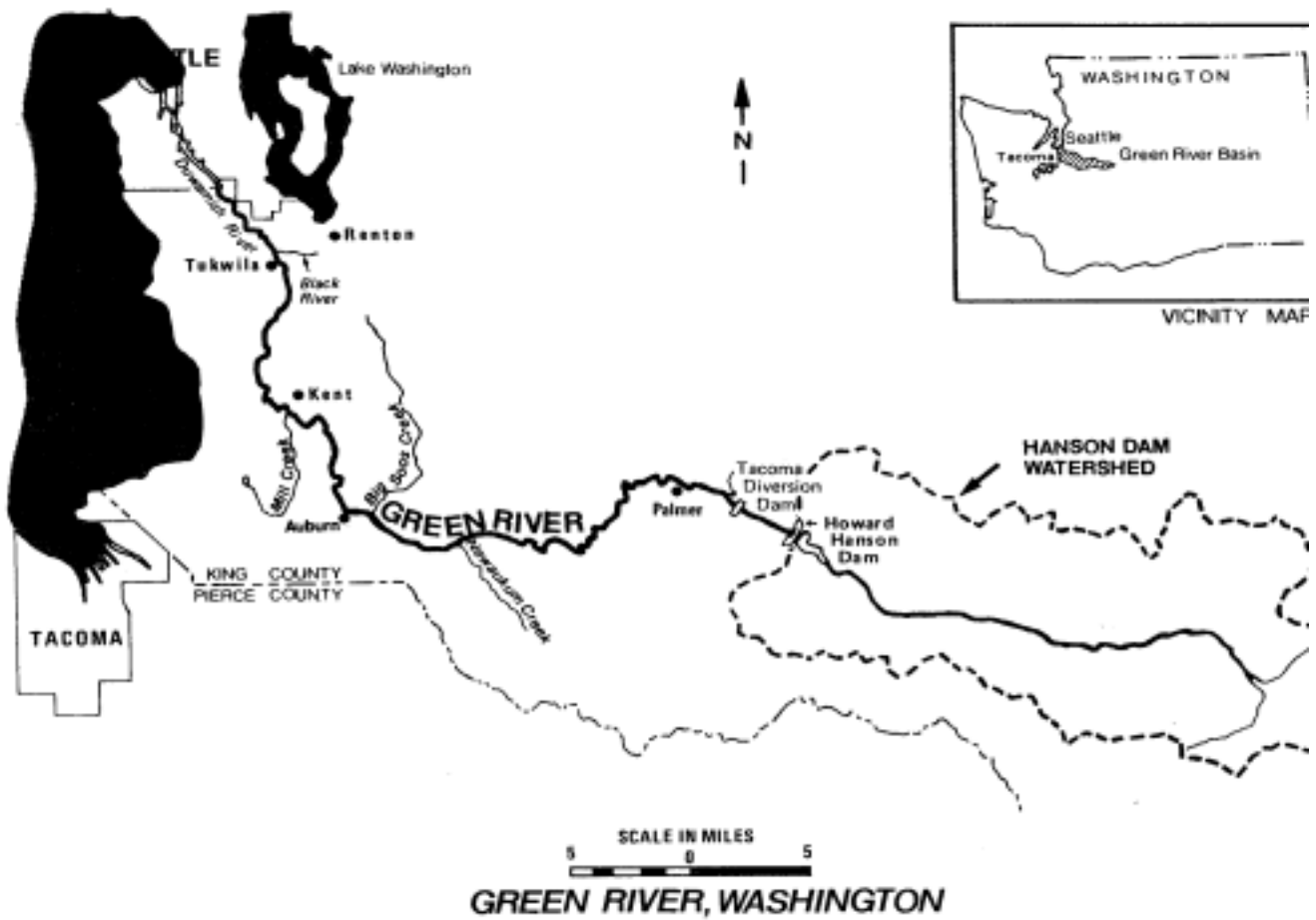


Figure 1. Location and Vicinity Map of the Howard Hanson Dam, Green River, King County, Washington. Gravel placement will occur immediately down stream of the marked Tacoma Diversion Dam, upstream of Palmer.



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY  
*P.O. Box 47600 • Olympia, Washington 98504-7600*  
*(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006*

STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

Notice of Application for  
Water Quality Certification  
and for  
Certification of Consistency with the  
Washington Coastal Zone Management Program

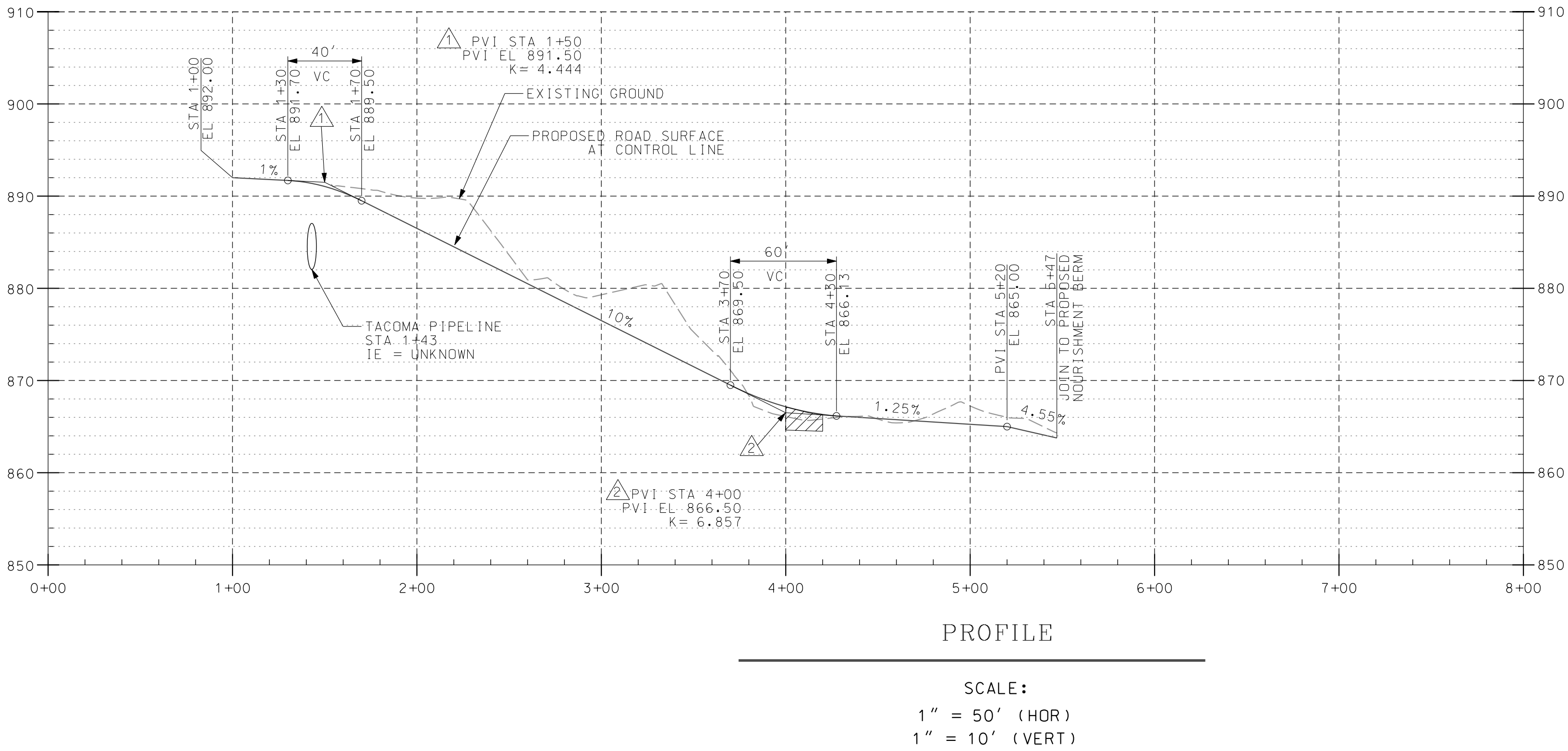
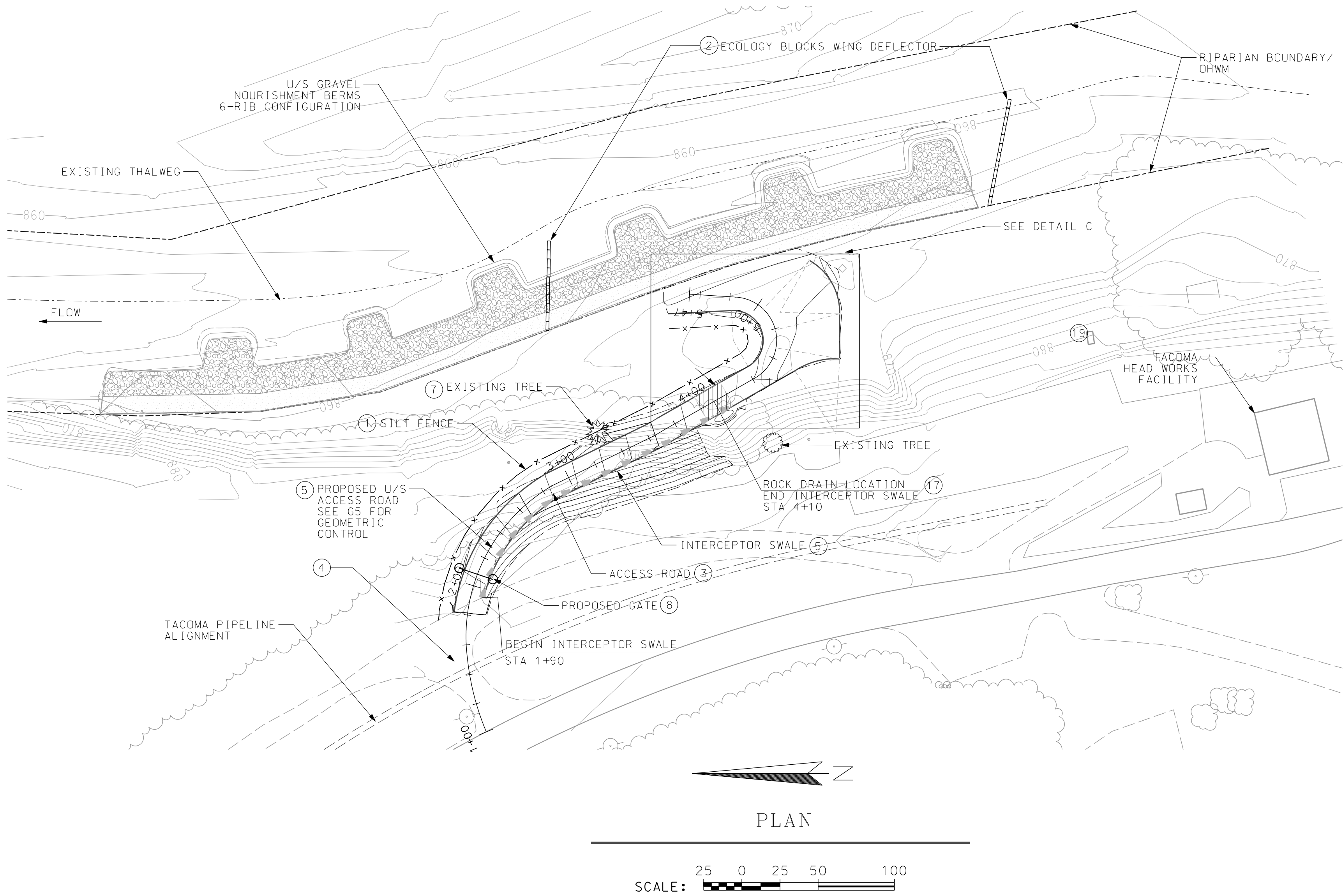
Date: 25 April 2005

Notice is hereby given that a request has been filed with the Department of Ecology, pursuant to the requirements of Section 401 of the federal Clean Water Act of 1977 (PL 95-217), to certify that the project described in the U.S. Army Corps of Engineers Public Notice No. PL-05-04 will comply with the Sections 301, 302, 303, 306, and 307 of the Act, and with applicable provisions of State and Federal water pollution control laws.

Notice is hereby given that a request has been filed with the Department of Ecology, pursuant to the requirements of Section 307© of the Federal Coastal Zone Management Act of 1972 (16 U.S.C. 1451), to certify that the above referenced project will comply with the Washington State Coastal Zone Management Program and that the project will be conducted in a manner consistent with that program.

Any person desiring to present views on the project pertaining to the project on either or both (1) compliance with water pollution control laws or (2) the project's compliance or consistency with the Washington State Coastal Zone Management Program may do so by providing written comments within 30 days of the above publication date to:

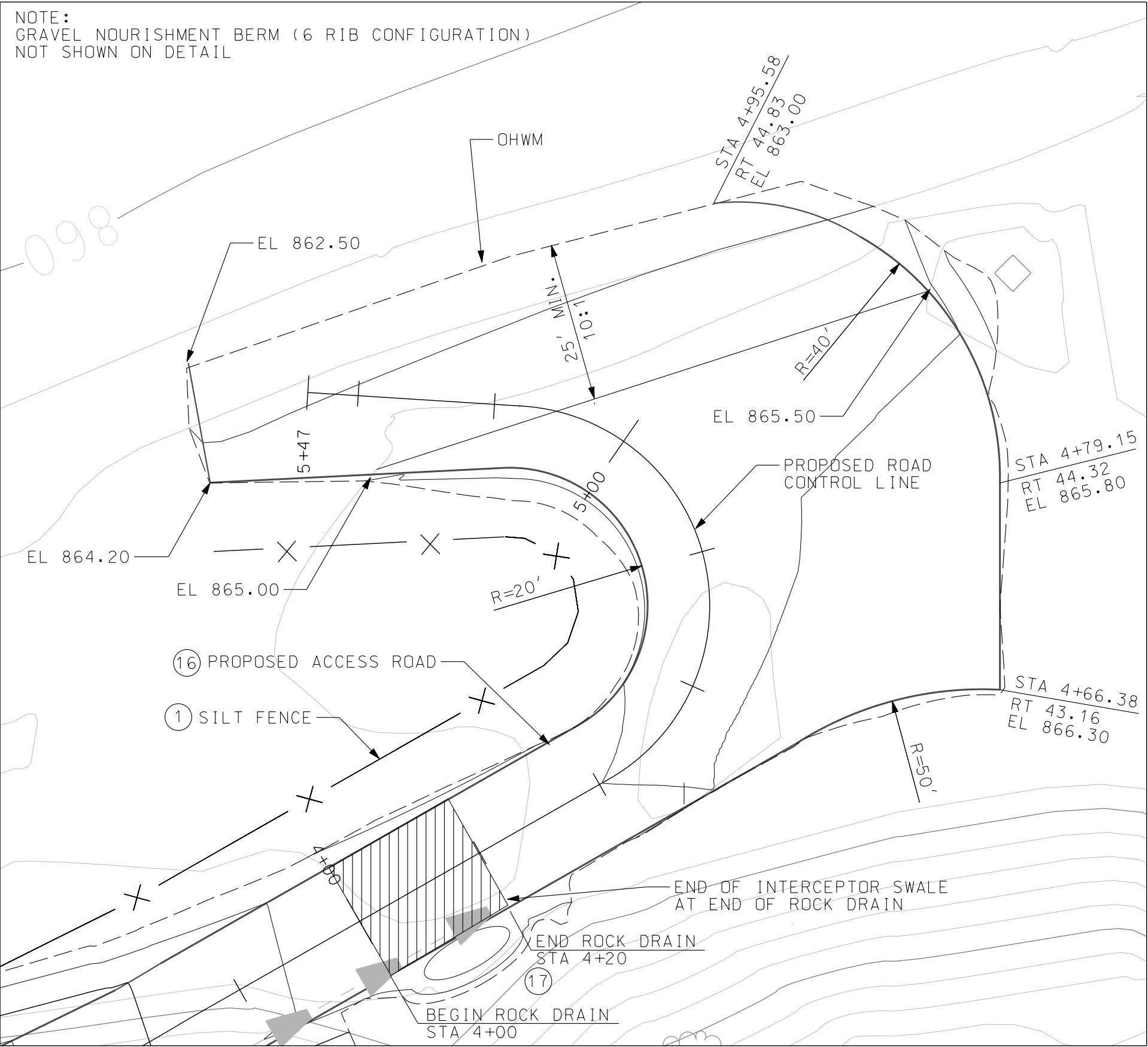
Federal Permit Coordinator  
Department of Ecology  
SEA Program  
Post Office Box 47600  
Olympia, Washington 98504-7600



REVISIONS				
SYMBOL	ZONE	DESCRIPTION	DATE	BY

CONSTRUCTION NOTES

1. CONSTRUCT SILT FENCE PER PLAN AND DETAIL
2. PLACE ECOLOGY BLOCK WING DEFLECTORS TO CREATE HYDRAULIC SHADOW. LOCATION TO BE DETERMINED BY FIELD ENGINEER
3. CLEAR, GRUB, AND OVER EXCAVATE ACCESS ROUTE PER GEOTECHNICAL SPECIFICATIONS - SEE SHEET C6
4. CONSTRUCT U/S ACCESS ROAD FROM STA 1+00 TO STA 1+90 PER FIELD ENGINEER, PLAN, AND TYPICAL ROAD SECTION "I" W/ INTERCEPTOR SWALE - SEE SHEET C6
5. CONSTRUCT U/S ACCESS ROAD FROM STA 1+90 TO STA 5+50 PER PLAN, PROFILE, DETAIL "C", AND TYPICAL ROAD SECTIONS "H" THROUGH "K"
6. CONSTRUCT ROCK DRAIN AREA FROM STA 4+00 TO STA 4+20 PER TYPICAL SECTION "H"
7. PROTECT EXISTING TREE IN PLACE
8. CONSTRUCT ACCESS GATE PER PLAN AND DETAIL



DETAIL C ACCESS ROAD END TURNOUT

N.T.S.



EXPIRES 05/17/2005



TETRA TECH, INC.  
SEATTLE, WASHINGTON



GREEN RIVER FISH HABITAT  
RESTORATION PILOT PROJECT

U/S ACCESS ROAD  
PLAN AND PROFILE

KANASKAT-PALMER, KING COUNTY, WASHINGTON

SIZE	CONTRACT NO.	FILE NO.	DATE	PLATE
D			JUNE 2003	C4
DSGN.	I PACE	CHK. D CLINE	SHEET 10	

FINAL DESIGN